DATALOGIC

PowerScan™ PBT7100

Cordless Imaging Reader

Quick Reference Guide

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Additional Patents Pending.

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NOTES

Statement of Agency Compliance

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Class B Compliance Statement

The user is cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or television technician for help.

FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits under Specific Absorption Rate (SAR) tests for portable devices operating closer than 20 cm to nearby persons, set forth in an uncontrolled environment. The PowerScan PBT7100 cordless imaging reader has been demonstrated to meet these RF emissions safety limits.

Canadian Notice

This equipment does not exceed the Class B limits for radio noise emissions as described in the Radio Interference Regulations of the Canadian Department of Communications.

Le present appareil numerique n'emet pas de bruits radioelectriques depassant les limites applicables aux appareils numeriques de la classe B prescrites dans le Reglement sur le brouillage radioelectrique edicte par le ministere des Communications du Canada.

Solids and Water Protection

The reader is rated as IEC 529-IP65. This nomenclature designates the degree of water and dust resistance, indicating the imager is totally protected against dust and is protected against low pressure jets of water from all directions - limited ingression permitted.

The Base Station is rated as IEC 529-IP54, indicating the unit is protected against dust, limited ingress (no harmful deposit) and is protected against water sprayed from all directions - with limited ingression permitted.

Laser Cautions

The imager may contain a laser pointer (this is a value-added option), which is certified in the U.S. to conform to the requirements of DHHS/CDRH 21CFR Subchapter J for Class II and IEC 60825-1 for Class 2 products. Class II (2) products are not considered to be hazardous. Laser pointer models of the imager contain a Visible Laser Diode (VLD) at a wavelength of 635-670 nanometers and is designed so that there can be no human access to harmful levels of laser light during normal operation, user maintenance, or during prescribed service operations. See the User Manual for laser pointer configuration information and barcodes.

CAUTION

Do not attempt to open or otherwise service any components in the optics cavity. Opening or servicing any part of the optics cavity by unauthorized personnel may violate laser safety regulations.

Software Product Policy

Datalogic reserves the right to ship its products with the latest version of software/firmware available. This provides our customers with the very latest in Datalogic software technology.

The only exception to this policy is when the buyer has a signed contract with Datalogic that clearly defines the terms and conditions for making software/firmware changes in products shipped to the buyer.

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- END -

Getting Started

Installing the Battery Pack

NOTE

To charge the Battery Pack, See “Battery Pack Charging and Maintenance” on page 11.

Datalogic recommends annual replacement of rechargeable battery packs to ensure maximum performance.

WARNING

Do not discharge the battery using any device except for the reader. When the battery is used in devices other than the linear imager, it may damage the battery or reduce its life expectancy. If the device causes an abnormal current to flow, it may cause the battery to become hot, explode or ignite and cause serious injury.
Lithium-ion battery packs may get hot, explode or ignite and cause serious injury if exposed to abusive conditions. Be sure to follow the safety warnings listed below:

- Do not place the battery pack in fire or heat.
- Do not connect the positive terminal and negative terminal of the battery pack to each other with any metal object (such as wire).
- Do not carry or store the battery pack together with metal objects.
- Do not pierce the battery pack with nails, strike it with a hammer, step on it or otherwise subject it to strong impacts or shocks.
- Do not solder directly onto the battery pack.
- Do not expose the battery pack to liquids, or allow the battery to get wet.

In the event the battery pack leaks and the fluid gets into your eye, do not rub the eye. Rinse well with water and immediately seek medical care. If left untreated, the battery fluid could cause damage to the eye.

CAUTION

Always charge the battery at 32° – 113°F (0° - 45°C) temperature range.

Use only the authorized power supplies, battery pack, chargers, and docks supplied by your Datalogic reseller. The use of any other power supplies can damage the linear imager and void your warranty.

Do not disassemble or modify the battery. The battery contains safety and protection devices, which, if damaged, may cause the battery to generate heat, explode or ignite.

Do not place the battery in or near fire, on stoves or other high temperature locations.

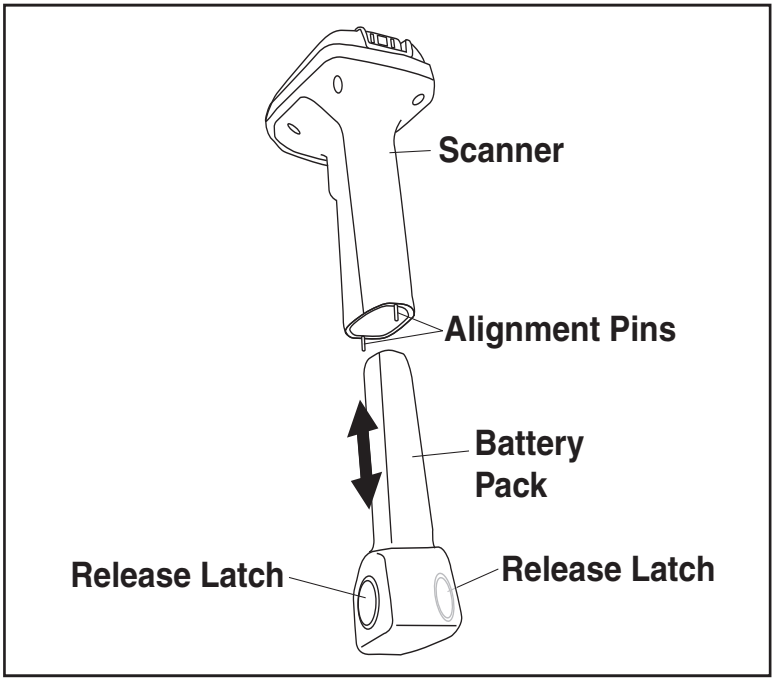
Do not place the battery in direct sunlight, or use or store the battery inside cars in hot weather. Doing so may cause the battery to generate heat, explode or ignite. Using the battery in this manner may also result in a loss of performance and a shortened life expectancy.

Do not place the battery in microwave ovens, high-pressure containers or on induction cookware.

Immediately discontinue use of the battery if, while using, charging or storing the battery, the battery emits an unusual smell, feels hot, changes color or shape, or appears abnormal in any other way.

Orient the Battery Pack as shown in Figure 1-1, then push it into the reader until the alignment pins engage and the unit snaps into place. To remove the Battery Pack, push in on the release latches on either side of its base and pull it straight out of the reader.

Figure 1-1. Battery Pack Installation & Removal



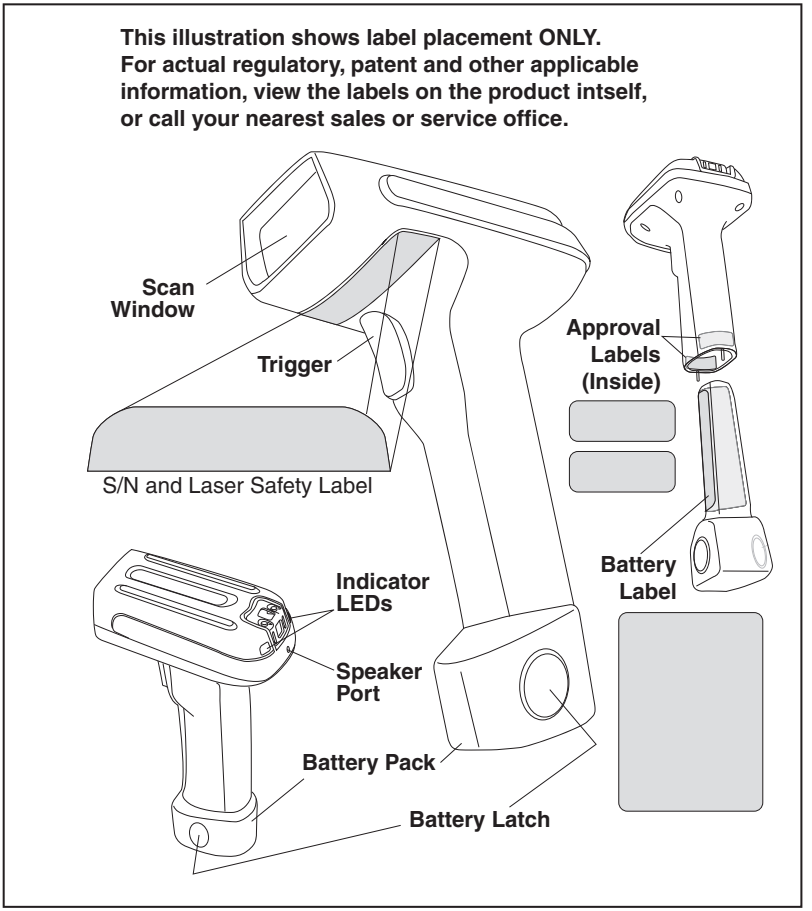
Verifying Reader Operation Before Linking

Once a charged Battery Pack has been installed in the reader, scan a good sample barcode of the symbology[1] type your reader is programmed to read. If unsure how to do this, see the section on How to Scan in this manual. Tip: The part number barcode on the back cover of this manual is a Code 39 symbology sample.

The system may signal with one or a combination of indicators depending upon the "connection" status of the reader (see LED and Beeper Indications for details). If your reader fails to read a sample barcode of a symbology it is programmed to read, turn to the section titled, Troubleshooting.

1. To enable more barcode symbology types, reference the Product Reference Guide (PRG).

Figure 1-2. Labeling and Nomenclature



NOTE

PowerScan® PBT7100 readers and Base Stations can be configured to be compatible with PowerScan® 7000BT imagers and Base Stations. Consult the Product Reference Guide (PRG) for full details.

Linking the Reader to a Base Station

NOTE

To link the reader to its own Base Station, refer to the instructions provided in the Base Station Quick Reference Guide (QRG).

Linking the Reader to a *Bluetooth*® Enabled Device

A reader can optionally be linked to a PC with a ***Bluetooth*** radio installed.

1. Ensure that the ***Bluetooth*** enabled device and its driver are installed on the PC.
2. On the PC, open the control window for the ***Bluetooth*** device (usually called "My ***Bluetooth*** Places"). Security settings are supported for the ***Bluetooth*** serial port.
3. Scan the "Link to a PC" barcode below.

Link to a PC

4. On the PC, search for ***Bluetooth*** enabled devices that are in range and select the "Datalogic PS7100 Reader."
5. Connect with the serial port for the Datalogic PS7100 reader. Note which serial port number is assigned to the reader.
6. Open your serial port application and connect to the reader using the serial port that was assigned in the previous step.

Battery Pack Charging and Maintenance

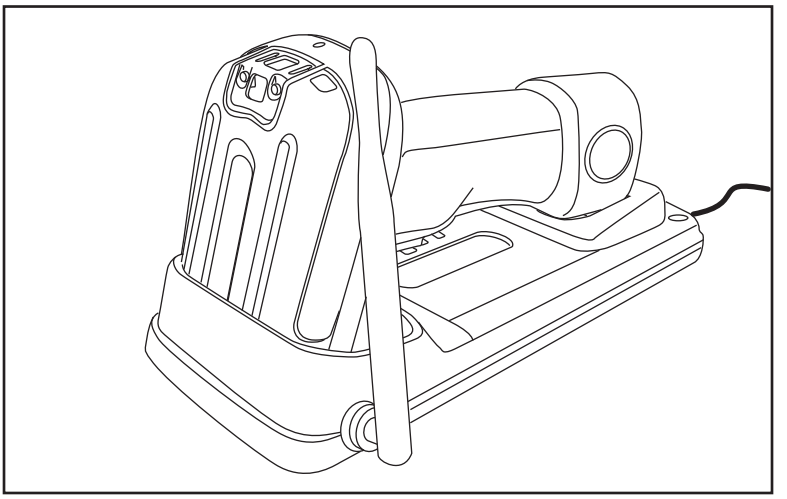
NOTE

The Amber LED will blink twice when a barcode is decoded when the battery is getting low.

Seat the reader (with installed Battery Pack) in a powered Base Station as shown in Figure 1-3, ensuring the Battery Pack is fully seated and engages the station's metal contacts. The reader will sound a short "chirp" when good contact is made and the green LED on the Base Station should flash, indicating the battery is charging. Alternatively, multiple Battery Packs can be charged external to the reader using an accessory charging unit available from your Datalogic dealer.

There presently are no US, North America or World disposal requirements for Lithium-Ion batteries such as the Battery Pack, so when they won't hold a charge anymore they can be disposed of; preferably through a recycling center. Contact your local government for disposal or recycling practices in your area.

Figure 1-3. Charging the Battery Pack in a Docked Reader



Programming

The reader is typically factory-configured with a set of default features. You can select other options and customize your reader through use of the instructions and programming barcodes available in the Product Reference Guide (PRG). You can view and download this and other manuals from the website listed on the back cover of this manual.

Resetting the Standard Product Defaults

If programming settings for your reader are in an unknown condition, factory settings can be restored by scanning the "Standard Product Default Settings" barcode below. A listing of factory default settings is available in the PRG. Settings can vary, depending upon the interface type.

Standard Product Default Settings

Defaults

For your convenience, standard factory defaults [1]are shown here for each of the major interface types. For more details or to change these settings, reference the Product Reference Guide (PRG).

RS-232 Standard Default Settings:9600 Baud, no Parity, 1 Stop Bit, Handshaking disabled, no Intercharacter Delay, Beep on ASCII BEL disabled, Beep On Not On File enabled, ACK Character = 'ACK', NAK Character = 'NAK', ACK NAK Timeout Value = 600ms, ACK NAK Retry Count = 3, ACK NAK Error Handling = Ignore, Indicate Transmission Failure enabled, Disable Reader Command = 'D', Enable Reader Command = 'E'.

Wand Emulation Standard Default Settings: Wand Idle State = Low, Wand Polarity = Quiet Zones & Spaces High - Bars Low, No Label Symbology Conversion, Transmit Noise = Disabled.

OEM/IBM Standard Default Settings:OEM-USB Device Usage = Table Top Reader, Transmit Labels in Code 39 Format = OEM Standard Format, 46xx Number of Host Resets = 6.

USB Standard Default Settings:USB Keyboard Speed = Fast (1ms).

Keyboard Standard Default Settings (Keyboard AT): Country Mode = U.S., Caps Lock= OFF, Numlock Key =Unchanged, Send Control Characters = Disabled, Wedge Quiet Interval = 100ms, No Wedge Intercode Delay.

Enabled Symbologies

- UPC-A, UPC-E, EAN 13, EAN 8 — without add-ons, Check Character Transmission enabled, no Expansion, Minimum Reads = 1 (except In-Store Minumum Reads = 2), System Number Transmission = enabled, 2D Components = disabled, EAN 8 Guard Insertion/Substitution Options = disabled (except EAN 8 Guard Substitution), Stitching = disabled.
- Code 39 — Check Character Calculation/Transmission enabled, Start/Stop Character disabled, Full ASCII disabled, Quiet Zones = auto, Minimum Reads = 1, Decoding Level and Aggressiveness = 3, Variable Length Control, Length One = 2, Length Two = 50, Interdigit Ratio = 4, Character Correlation = Disabled, Stitching is enabled.
- Code 128 — No Expansion, Check Character Transmission enabled, SubCode Change not transmitted, Quiet Zones = Auto, Minimum Reads = 1, Decoding Levels and Aggressiveness = 3, Variable Length Control, Length One = 1, Length two = 80, Character Correlation = disabled, Stitching = enabled.
- Interleaved 2 of 5 — Zero Pattern and Check Character Calculation = disabled, Check Character Transmission = enabled, Minimum Reads = 1, Decoding Levels and Aggressiveness = 3, Variable Length Control, Length One = 12, Length Two = 100, Character Correlation and Stitching = disabled.

1. Applicable only when the reader is connected to a host via the Base Station.

How to Scan

When the trigger is pressed, a red laser aiming beam is activated, enabling the user to align its horizontal and vertical position with the desired barcode. The aiming beam will remain on until a configurable time-out[1] period elapses, then the red scan LEDs are activated to read the barcode.

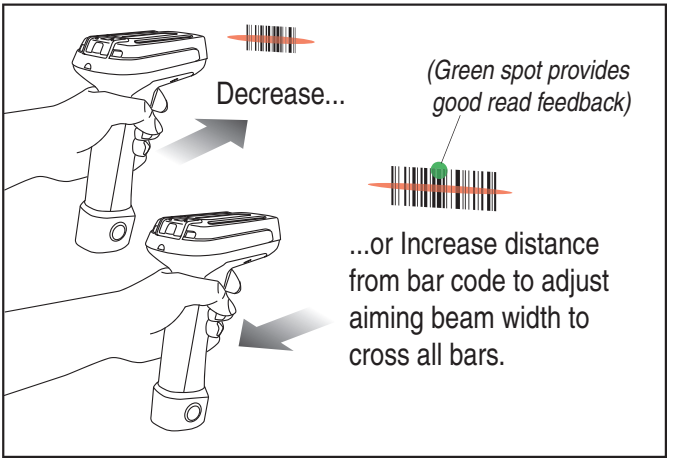
If the barcode is not decoded before another configurable period has expired, the laser aiming beam will begin blinking to allow the user to continue pointing the reader at the desired barcode.

NOTE

If the surface being scanned is highly reflective (e.g., laminated), it may be necessary to tilt the item or the reader slightly (15° to 18°) to prevent unwanted reflection.

Barcodes : To scan, center the illumination beam over the barcode as shown in Figure 1-4. The reader must "see" across the width of all of the bars. Move the reader further away from the barcode to increase the scanning coverage area, and closer in to read very small barcodes.

Figure 1-4. Scanning Barcodes



Troubleshooting

Troubleshoot your scanning system by performing the following checks:

Troubleshooting the BT System

For the BT system, ensure...

1. Reference the Product Reference Guide (PRG) for more information about the aiming beam time-out period. (Default for the time-out is 100mS.)

- the battery is charged. See Battery Pack Charging and Maintenance on page 11.
- the battery is properly installed. See Installing the Battery Pack on page 7.
- the reader is linked to the desired Base Station. See the Quick Reference Guide (QRG) for the Base Station.
- the reader is within reasonable operating range of the Base Station, with no major obstructions between the radio units such as thick walls or heavy machinery. (At the time of this writing, maximum reader-to-Base Station range is specified at 100 meters.) Your range may vary depending on the environment the system is being used in.
- the Base Station is powered-on. When the Base Station powers up, both LEDs briefly flash. If both lights are bright and crisp, this is a good indication of adequate power input from the AC Adapter.
- the Base Station interface cable is securely attached to the host. Consult your technical support manager or refer to your host system manual to identify the proper cable connection for the reader. If necessary, verify interface cable function by using a known-good interface cable.

Troubleshooting the Reader

If the problem is specific to scanning, verify that...

- The reader will automatically perform a set of self-tests whenever you turn it on. Observe and note any special indications made by the reader (an unexpected pattern of flashes or beeps) during power-up. If technical support is contacted regarding a problem, they may request this information.
- Does the reader power on? Does the illumination beam come on?
  If no illumination beam, check that...
  - the battery has been adequately charged.
  - the battery is fully seated and its latch engaged.
  - the trigger works.
- Is the reader having trouble reading your symbols?
  If the reader isn't reading symbols well, check that the symbols...
  - aren't smeared, rough, scratched, or exhibiting voids.
  - aren't coated with frost or water droplets on the surface.
  - are enabled in the reader. See the Product Reference Guide (PRG) for more about configuring the reader to read symbologies).
- Is the barcode displayed but not entered?
  The barcode is displayed on the host device correctly, but you still have to press a key to enter it (the Enter/Return or Tab key, for example).

  You need to program a suffix which enables the reader to output the barcode data plus the key you need (such as a carriage return "CR") to enter the data into your application. Refer to the PRG for further information.
- Does the reader read the barcode incorrectly?
  If the reader reads a barcode, but the data is not displayed correctly on the host screen:
  - The reader may not be programmed for the appropriate terminal interface. For example, you scan "12345" and the host displays "@es%." Reprogram the reader with the correct interface selection barcode. See the Product Reference Guide (PRG).

- The reader may not be programmed to output your barcode data properly. For example, you scan "12345" and the host displays "A12345B." Reprogram the reader with the proper Data Editing selections. Reference the PRG.

- The reader won't read your barcode at all.
  - Scan the part number barcode on the back of this manual or other known-good barcode samples. If the reader reads sample barcodes, check that your target barcode is readable.
  - Verify that your barcode symbology is enabled. See the PRG.
- If you aren't sure what programming options have been set in the reader, or if you want the factory default settings restored, go to the Resetting the Standard Product Defaults section of this manual and scan the standard factory default settings barcode.
- The reader sounds other than a standard "Good Read" beep followed by an "Acknowledge[1]" beep when reading a barcode (indicating the barcode has been read and properly transmitted).
  - Verify the reader is linked to and within range of its Base Station.

Datalogic ADC Limited Factory Warranty

Warranty Coverage

Datalogic ADC ('Datalogic") hardware products are warranted against defects in material and workmanship under normal and proper use. The liability of Datalogic under this warranty is limited to furnishing the labor and parts necessary to remedy any defect covered by this warranty and restore the product to its normal operating condition. Repair or replacement of product during the warranty does not extend the original warranty term. Products are sold on the basis of specifications applicable at the time of manufacture and Datalogic has no obligation to modify or update products once sold.

If Datalogic determines that a product has defects in material or workmanship, Datalogic shall, at its sole option repair or replace the product without additional charge for parts and labor, or credit or refund the defective products duly returned to Datalogic. To perform repairs, Datalogic may use new or reconditioned parts, components, subassemblies or products that have been tested as meeting applicable specifications for equivalent new material and products. Customer will allow Datalogic to scrap all parts removed from the repaired product. The warranty period shall extend from the date of shipment from Datalogic for the duration published by Datalogic for the product at the time of purchase (Warranty period). Datalogic warrants repaired hardware devices against defects in workmanship and materials on the repaired assembly for a 90 day period starting from the date of shipment of the repaired product from Datalogic or until the expiration of the original warranty period, whichever is longer. Datalogic does not guarantee, and it is not responsible for, the maintenance of, damage to, or loss of configurations, data, and applications on the repaired

1. Typically, both of these beep indications are active in the reader. To enable/disable these indications, reference the PRG.

units and at its sole discretion can return the units in the 'factory default" configuration or with any software or firmware update available at the time of the repair (other than the firmware or software installed during the manufacture of the product). Customer accepts responsibility to maintain a back up copy of its software and data.

Warranty Claims Process

In order to obtain service under the Factory Warranty, Customer must notify Datalogic of the claimed defect before the expiration of the applicable Warranty period and obtain from Datalogic a return authorization number (RMA) for return of the product to a designated Datalogic service center. If Datalogic determines Customer's claim is valid, Datalogic will repair or replace product without additional charge for parts and labor. Customer shall be responsible for packaging and shipping the product to the designated Datalogic service center, with shipping charges prepaid. Datalogic shall pay for the return of the product to Customer if the shipment is to a location within the country in which the Datalogic service center is located. Customer shall be responsible for paying all shipping charges, duties, taxes, and any other charges for products returned to any other locations. Failure to follow the applicable RMA policy, may result in a processing fee. Customer shall be responsible for return shipment expenses for products which Datalogic, at its sole discretion, determines are not defective or eligible for warranty repair.

Warranty Exclusions

The Datalogic Factory Warranty shall not apply to:

(i) any product which has been damaged, modified, altered, repaired or upgraded by other than Datalogic service personnel or its authorized representatives;

(ii) any claimed defect, failure or damage which Datalogic determines was caused by faulty operations, improper use, abuse, misuse, wear and tear, negligence, improper storage or use of parts or accessories not approved or supplied by Datalogic;

(iii) any claimed defect or damage caused by the use of product with any other instrument, equipment or apparatus;

(iv) any claimed defect or damage caused by the failure to provide proper maintenance, including but not limited to cleaning the upper window in accordance with product manual;

(v) any defect or damage caused by natural or man-made disaster such as but not limited to fire, water damage, floods, other natural disasters, vandalism or abusive events that would cause internal and external component damage or destruction of the whole unit, consumable items;

(vi) any damage or malfunctioning caused by non-restoring action as for example firmware or software upgrades, software or hardware reconfigurations etc.;

(vii) the replacement of upper window/cartridge due to scratching, stains or other degradation and/or

(viii) any consumable or equivalent (e.g., cables, power supply, batteries, keypads, touch screen, triggers etc.).

No Assignment

Customer may not assign or otherwise transfer its rights or obligations under this warranty except to a purchaser or transferee of product. No attempted assignment or transfer in violation of this provision shall be valid or binding upon Datalogic.

DATALOGIC'S LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, ORAL OR WRITTEN, STATUTORY OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT. DATALOGIC SHALL NOT BE LIABLE FOR ANY DAMAGES SUSTAINED BY CUSTOMER ARISING FROM DELAYS IN THE REPLACEMENT OR REPAIR OF PRODUCTS UNDER THE ABOVE. THE REMEDY SET FORTH IN THIS WARRANTY STATEMENT IS THE CUSTOMER'S SOLE AND EXCLUSIVE REMEDY FOR WARRANTY CLAIMS. UNDER NO CIRCUMSTANCES WILL DATALOGIC BE LIABLE TO CUSTOMER OR ANY THIRD PARTY FOR ANY LOST PROFITS, OR ANY INCIDENTAL, CONSEQUENTIAL IN-DIRECT, SPECIAL OR CONTINGENT DAMAGES REGARDLESS OF WHETHER DATALOGIC HAD ADVANCE NOTICE OF THE POSSIBILITY OF SUCH DAMAGES.

Risk of Loss

Customer shall bear risk of loss or damage for product in transit to Datalogic. Datalogic shall assume risk of loss or damage for product in Datalogic's possession. In the absence of specific written instructions for the return of product to Customer, Datalogic will select the carrier, but Datalogic shall not thereby assume any liability in connection with the return shipment.

WEEE Statement

Waste Electrical and Electronic Equipment (WEEE) Statement.

English

For information about the disposal of Waste Electrical and Electronic Equipment (WEEE), please refer to the website at www.datalogic.com.

Italian

Per informazioni sullo smaltimento delle apparecchiature elettriche ed elettroniche consultare il sito Web www.datalogic.com.

French

Pour toute information relative à l'élimination des déchets électroniques (WEEE), veuillez consulter le site internet www.datalogic.com.

German

Informationen zur Entsorgung von Elektro- und Elektronik- Altgeräten (WEEE) erhalten Sie auf der Webseite www.datalogic.com.

Spanish

Si desea información acerca de los procedimientos para el desecho de los residuos del equipo eléctrico y electrónico (WEEE), visite la página Web www.datalogic.com.

Portuguese

Para informações sobre a disposição de Sucatagem de Equipamentos Elétricos e Eletrônicos (WEEE -Waste Electrical and Electronic Equipment), consultar o site web www.datalogic.com.

Chinese

有关处理废弃电气电子设备 (WEEE) 的信息，请参考 Datalogic 公司的网站 www.datalogic.com/。

Japanese

廃電気電子機器 (ＷＥＥＥ) の処理についての関連事項は Datalogic のサイト www.datalogic.com をご参照下さい。

China RoHS

PART	部件名称	Lead (Pb) 铅	Mercury (Hg) 汞	Cadmium (Cd) 镉	Hexavalent Chromium (Cr(VI)) 六价铬	Polybrominated biphenyls (PBB) 多溴联苯	Polybrominated diphenyl ethers (PBDE) 多溴二苯醚
		有毒有害物质或元素					
Cable	电缆	X	O	O	O	O	O
Assy, Module	光学组件	X	O	O	O	O	O
Printed Circuit Board Assy	电路板组件	X	O	O	O	O	O
Battery Pack	电池	O	O	O	O	O	O

O: 代表此种部件的所有均质材料中所含的该种有毒有害物质均低于中华人民共和国信息产业部所颁布的《电子信息产品中有毒有害物质的限量要求》(SJ/T 11363-2006) 规定的限量。

X: 代表此种部件所用的均质材料中，至少有一类材料其所含的有毒有害物质高于中华人民共和国信息产业部所颁布的《电子信息产品中有毒有害物质的限量要求》(SJ/T 11363-2006) 规定的限量

EFUP determined by "Look-up Method" (scanner). 环保使用期限取决于"查表法"（扫描仪）

DATALOGIC	DECLARATION OF CONFORMITY	EC-094 Rev.:1 Pag.: 1 di 1

CE 13

Datalogic ADC, Inc.

959 Terry Street

Eugene, Oregon 97402

USA

La presente dichiarazione di conformità è rilasciata sotto la responsabilità esclusiva di Datalogic ADC, Inc. per:
This Declaration of Conformity is issued under the sole responsibility of Datalogic ADC, Inc. for:
Cette déclaration de conformité est établie sous la seule responsabilité de Datalogic ADC, Inc:
Diese Konformitätserklärung wird unter der alleinigen Verantwortung des Datalogic ADC, Inc. erteilt für:
Esta declaración de conformidad se expide bajo la exclusiva responsabilidad de Datalogic ADC, Inc. para:

Powerscan PBT7100; Cordless Barcode Reader System

e tutti i suoi modelli
and all its models
et tous ses modèles
und seine Modelle
y todos sus modelos

sono conformi alla Direttiva del Consiglio Europeo sottoelencata:
are in conformity with the requirements of the European Council Directive listed below:
sont conforme aux spécifications de la Directive de l'Union Européenne ci-dessous:
der nachstehenden angeführten Direktive des Europäischen Rats entsprechen:
cumple con los requisitos de la Directiva del Consejo Europeo, según la lista siguiente:

1999/5/EC R&TTE

2011/65/EU RoHS Directive (6 June 2011)

Questa dichiarazione è basata sulla conformità dei prodotti alle norme seguenti:
This declaration is based upon compliance of the products to the following standards:
Cette déclaration repose sur la conformité des produits aux normes suivantes:
Diese Erklärung basiert darauf, daß das Produkt den folgenden Normen entspricht:
Esta declaración se basa en el cumplimiento de los productos con las siguientes normas:

ETSI EN 301 489-17 V1.2.1: AUGUST 2002	ELECTROMAGNETIC COMPATIBILITY AND RADIO SPECTRUM MATTERS (ERM);ELECTROMAGNETIC COMPATIBILITY (EMC) STANDARD FOR RADIO EQUIPMENT;PART 17: SPECIFIC CONDITIONS FOR BROADBAND DATA TRANSMISSION SYSTEMS
ETSI EN 300 328-3 V1.7.1, OCTOBER 2006 :	ELECTROMAGNETIC COMPATIBILITY AND RADIO SPECTRUM MATTERS (ERM);WIDEBAND TRANSMISSION SYSTEMS;DATA TRANSMISSION EQUIPMENT OPERATING IN THE 2,4 GHZ ISM BAND AND USING WIDE BAND MODULATION TECHNIQUES;HARMONIZED EN COVERING ESSENTIAL REQUIREMENTS UNDER ARTICLE 3.2 OF THE R&TTE DIRECTIVE
EN 60950-1, APRIL 2006+A11:2009+A1:2010 +A12:2011	INFORMATION TECHNOLOGY EQUIPMENT - SAFETY - PART 1 : GENERAL REQUIREMENTS
EN50581: SEPT 2012	TECHNICAL DOCUMENTATION FOR THE ASSESSMENT OF ELECTRICAL AND ELECTRONIC PRODUCTS WITH RESPECT TO THE RESTRICTION OF HAZARDOUS SUPSTANCES

EUGENE, OREGON USA, MAY, 2013

Brad West

BRAD WEST
VICE PRESIDENT – GLOBAL SUPPLY CHAIN OPERATIONS

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